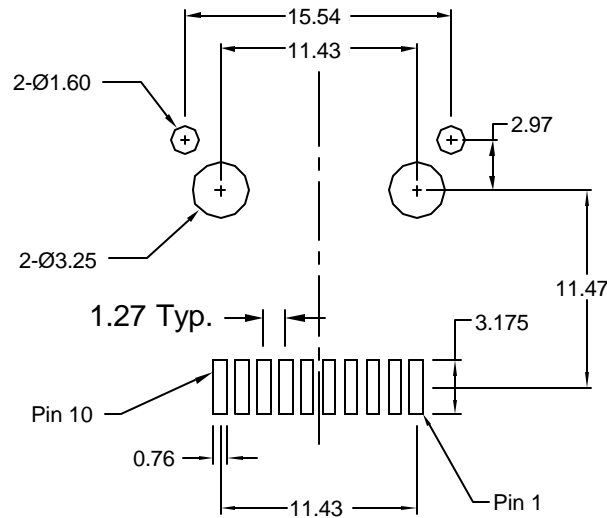


Recommended PCB Layout (top view)



Part Number	Gold Plating	Packaging
GMX-SMT2-S-1010	Flash	Bulk
GMX-SMT2-S-1010-50	50u"	Bulk
GMX-SMT2-S-1010TR	Flash	Tape & Reel
GMX-SMT2-S101050TR	50u"	Tape & Reel

Materials and Finish

Housing Material:
 high temp. thermoplastic,
 (reflow process compatible)
 UL 94V-0 rated, black color

Recommended Reflow Temperature:
 230°C for 30 seconds,
 260°C max.

Design meets UL 1863 Sec. 8
 Electrical Probe and Sec. 20
 Child Finger test requirements

Shield Material:
 copper alloy, 0.20mm thick,
 nickel plated 90u" min,

Contact Material: phosphor bronze

Contact Plating Options:
 Standard: 0.0001" Nickel
 Plating, Selective Plating
 Gold Flash on Contact
 Area, Tin on Termination End

50: 0.0001" Nickel Plating,
 Selective Plating 0.000050"
 Gold on Contact Area to
 Comply with FCC Requirements
 Under No. 47 C.F.R. Part 68,
 Subpart F, Tin Termination Ends

Electrical Characteristics

Insulation Resistance:
 500 Megohms min.

Dielectric Withstanding Voltage:
 1000V rms, 60Hz

Contact Resistance:
 20 milliohms max.

Current Rating: 1.5 Amps

Durability Rating:
 1000 mating cycles min.

Operating Temperature:
 -40°C to +85°C



Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	7/14/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	05/23/05

GMX-SMT2-S-1010

Right Angle Modular Jack, Shielded RoHS Compliant

10 position, 10 contacts, Surface Mount

